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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/660,056
Filing Date	09/11/03
First Named Inventor	Fissell et al.
Art Unit	1724
Examiner Name	F. Lawrence
Attorney Docket Number	UM-08332

Sheet 2 of 6**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
<i>FL</i>	20	US- 5,985,164	11/16/1999	Chu et al.	Whole document
	21	US- 5,948,255	09/07/1999	Keller et al.	Whole document
	22	US- 5,938,923	08/17/1999	Tu et al.	Whole document
	23	US- 5,893,974	04/13/1999	Keller et al.	Whole document
	24	US- 5,798,042	80/25/1998	Chu et al.	Whole document
	25	US- 5,770,076	06/23/1998	Chu et al.	Whole document
	26	US- 5,651,900	07/29/1997	Keller et al.	Whole document
	27	US- 6,368,877	04/09/2002	Zhang et al.	Whole document
	28	US- 6,368,838	04/09/2002	Singhvi et al.	Whole document
	29	US- 6,180,239	01/30/2001	Whitesides et al.	Whole document
	30	US- 6,042,784	03/28/2000	Wamsiedler et al.	Whole document
<i>FL</i>	31	US- 6,150,164	11/21/2000	Humes	Whole document
		US-			
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>5</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner Signature	<i>Frank Lawrence</i>	Date Considered	7-14-05
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Sheet 3	of 6	Attorney Docket Number	UM-08332

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
<i>FL</i>	32	Park, B et al. (2002) Med Device Technol 13(2): 32-34	
<i>FL</i>	33	Voldman, J et al. (1999) Annu Rev Biomed Eng 1: 401-425	
<i>FL</i>	34	Wagner, B (1995) Endosc Surg Allied Technol 3(4): 204-209;	
<i>FL</i>	35	Petersen, KE (1982) Proceedings of the IEEE 70:420-457	
<i>FL</i>	36	Mrksich et al. (1996) PNAS 93:10775-10778	
<i>FL</i>	37	Whitesides et al. z91997) Exp Cell Research: 305-313	
<i>FL</i>	38	Mrksich, Chem. Soc. Rev., 29:267 (2000)	
<i>FL</i>	39	Desai, Med. Eng. Phys. 22:595, 2000	
<i>FL</i>	40	Deutsch et al., J. Biomed. Mater. Res., 53:267, 2000	
<i>FL</i>	41	Kapur et al., J. Biomed. Mater. Res., 33:205, 1996	

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		Art Unit	1724
		Examiner Name	F. Lawrence
Sheet 4	of 6	Attorney Docket Number UM-08332	

NON PATENT LITERATURE DOCUMENTS			
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<i>ML</i>	42	Brunette and Chehroudi, 121:49, 1999	
<i>ML</i>	43	Brunette, Exp. Cell Res., 167:203, 1986	
<i>ML</i>	44	Brunette, Exp. Cell Res. 164:11, 1986	
<i>ML</i>	45	den Braber et al., J. Biomed. Mater. Res., 29:511, 1995	
<i>ML</i>	46	den Braber et al., Biomaterials, 17:2037, 1996	
<i>ML</i>	47	Curtis and Wilkinson, Biomaterials 18:1573, 1998	
<i>ML</i>	48	Craighead et al., Biomed. Microdevices, 1:49, 1998	
<i>ML</i>	49	Mata et al., Biomed. Microdevices 4:267, 2002	
<i>ML</i>	50	Mata et al., J. Biomed. Mater. Res., 62:499, 2002	
<i>ML</i>	51	Sims in Can. J. Cardiol. 7(10):431-443 (1991)	

Examiner Signature	<i>F. Lawrence</i>	Date Considered	7-17-05
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FL	52	Shepro et al in FASEB J. 7:1031-1038 (1993)	
FL	53	Davies in Kidney International, 45:320-327 (1994)	
FL	54	Scott et al., J. Cell Sci. 105:269-273, 1993	
FL	55	Schneider et al., Surgery 103:456-462, 1988	
FL	56	Kadletz et al., J. Thoracic and Cardiovascular Surgery 104:736-742, 1992	
FL	57	Shepard et al., Surgery 99: 318-3 about 6, 1986	
FL	58	Demetriou et al., Science 23:1190-1192, 1986	
FL	59	Fissell et al., J. Amer. Soc. Nephrology, vol. 13, pp. 602A, 2002	
FL	60	Humes et al., Amer. J. Physiology, 271:F42, 1996	
FL	61	Desai et al Adv. Drug Delivery Rev. 56:1661-1673, 2004	

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FL	62	Conlisk et al in Electrophoresis 24:3006-3017 (2003)	
FL	63	Conlisk et al in Anal. Chem 74:2139-2150 (2002)	
FL	64	Min Sensors and Actuators 98:368 (2004)	

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